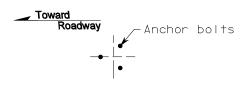
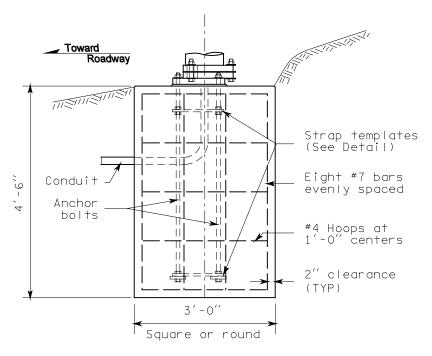


FIXED BASE



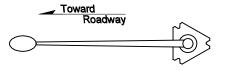
SLIP BASE

ANCHOR BOLT LAYOUT

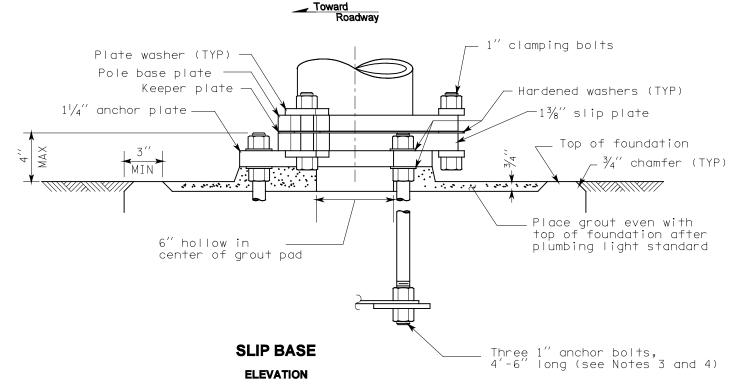


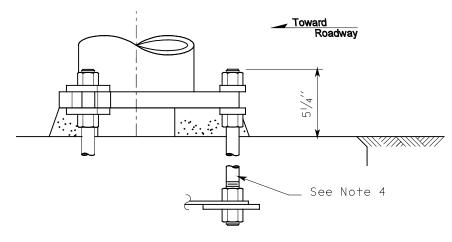
FOUNDATION DETAIL

(See Note 1)



LIGHT STANDARD ORIENTATION





FIXED BASE

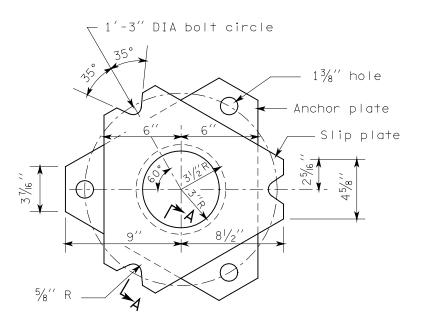
ELEVATION Details similar to slip base except where noted



STEEL LIGHT STANDARD BASE DETAILS STANDARD PLAN J-1b

SHEET 1 OF 3 SHEETS

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.		APPROVED FOR PUBLICATION		
		Clifford E. Mansfield 10/08/99		
10-99		TWS	DEPUTY STATE DESIGN ENGINEER DATE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION	
DATE	REVISION	BY	OLYMPIA, WASHINGTON	



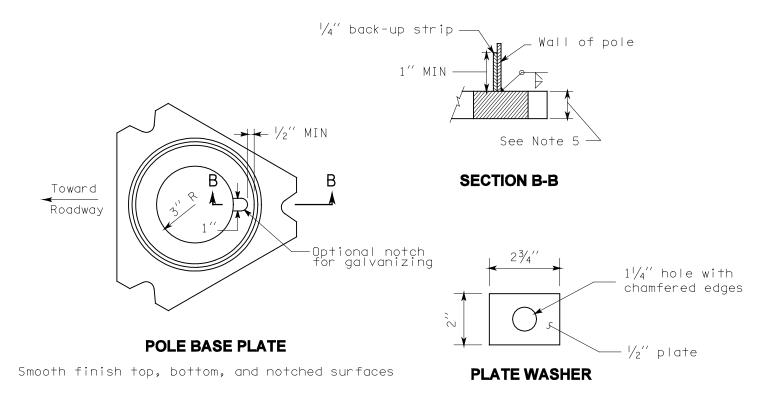
1 ³/₈ ''

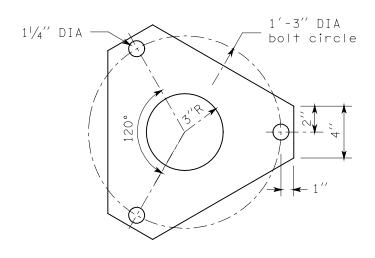
3/₈ ''

SECTION A-A

SLIP/ANCHOR PLATES DETAIL

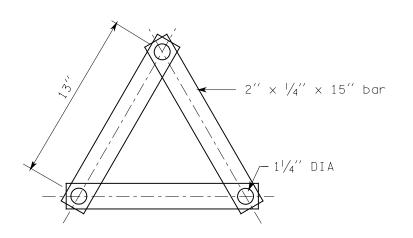
Smooth finish top, bottom, and notched surfaces





KEEPER PLATE

Place between pole base plate and slip plate on top of middle washers.



10-99 REVISED SECTION B-B.

STRAP TEMPLATE ASSEMBLY DETAIL

Place over anchor bolts (See Note 4)

DATE



STEEL LIGHT STANDARD BASE DETAILS STANDARD PLAN J-1b

SHEET 2 OF 3 SHEETS

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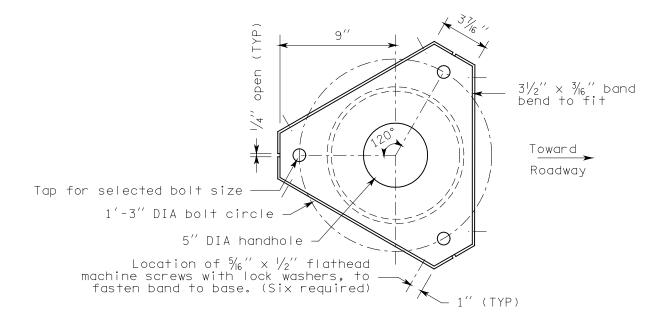
REVISION

Clifford E. Mansfield

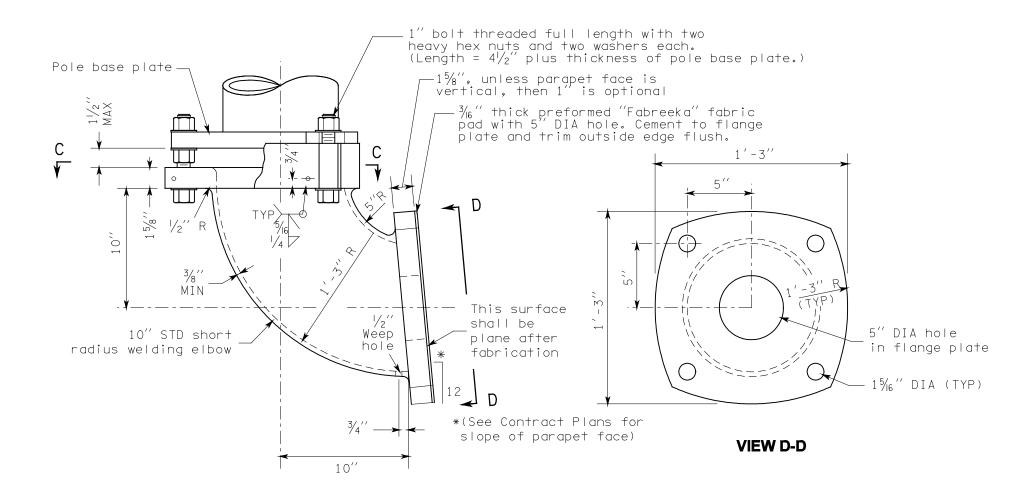
DEPUTY STATE DESIGN ENGINEER

DATE

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON



SECTION C-C



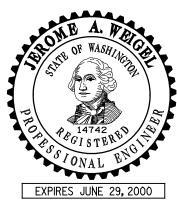
ELEVATION

LIGHTING BRACKET DETAIL

For light standards with single arm 12' or less and double arms 8' or less mounted on bridges or retaining walls.

NOTES

- 1. See Standard Plan C-8b for base plate and foundation requirements when light standards are mounted on concrete barrier.
- 2. Round and smooth all edges along wire-way to protect conductors. See Standard Plan J-1e for wiring details.
- 3. The top of the anchor rod shall be both threaded and galvanized a minimum of 12". The bottom of the anchor rod shall be threaded a minimum of 3". Galvanizing shall be in accordance with AASHTO M111 after threading. Hooked anchor bolts are not allowed.
- 4. Strap templates shall be held in place by nuts 6'' from the top of the foundation, and at bottom of anchor bolts resting on $4'' \times \sqrt[3]{8}''$ square washers.
- 5. Pole base plate for a slip base design shall be $1^{1}\!/_{\!4}{}^{\prime\prime}$ AASHTO M223 Gr. 345. Pole base plate for a fixed base design may be either $1^{1}\!/_{\!4}{}^{\prime\prime}$ AASHTO M223 Gr. 345 or $1^{1}\!/_{\!2}{}^{\prime\prime}$ AASHTO M183.
- 6. Installation of a 50' pole with double mast arms on a slip base is not allowed.



STEEL LIGHT STANDARD BASE DETAILS STANDARD PLAN J-1b

SHEET 3 OF 3 SHEETS

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10-99 REVISED NOTES 1, 2 & 5; ADDED NOTE 6.

DATE REVISION BY